

DYNAMIC ZERO CLEARANCE EXHAUSTING EMC SEALING SYSTEM

ABSTRACT OF THE DISCLOSURE

A docking apparatus for printed circuit boards including a cassette housing, having a housing base, a housing cover and a housing wall, wherein the housing base and the housing wall are disposed relative to each other so as to define a housing cavity for containing a printed circuit card and wherein the housing wall includes a cable opening disposed so as to be communicated with the housing cavity, a housing bezel, disposed relative to the cassette housing so as to be associated with the cable opening and translatable therein, the housing bezel is in electrical communication with the printed circuit card and translatable therewith when the printed circuit card is engaged and disengaged with a printed circuit board, and an EMC sealing device disposed between the housing bezel and the cassette housing, the EMC sealing device configured to provide a movable EMC seal proximate the cable opening while still allowing airflow therethrough while covering a portion of the cable opening created between the housing and the housing bezel upon translation of the bezel.